

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051567

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L12/28 H04L1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 225 736 A (TEXAS INSTRUMENTS INC) 24 July 2002 (2002-07-24) paragraphs '0002! - '0006! paragraphs '0024! - '0026!, '0029!, '0032!, '0040! paragraphs '0049! - '0051! -----	1-12
Y	WO 95/12265 A (NORTHERN TELECOM LTD) 4 May 1995 (1995-05-04) page 1, lines 1-27 page 2, lines 8-24 page 4, line 33 - page 5, line 26 page 6, lines 6-11 page 7, line 20 - page 8, line 10 page 9, lines 8-13 page 11, line 34 - page 12, line 25 ----- -/-	1-12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

13 December 2004

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27/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/056125 A1 (DARNALL WILLIAM H ET AL) 9 May 2002 (2002-05-09) paragraphs '0011!, '0017! - '0021! paragraph '0039!	3-6,9-12
A	RANASINGHE R S ET AL: "Scheduling disciplines for multimedia WLANs: embedded round robin and wireless dual queue" ICC 2001. 2001 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS. CONFERENCE RECORD. HELSINKY, FINLAND, JUNE 11 - 14, 2001, IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 10, 11 June 2001 (2001-06-11), pages 1243-1248, XP010553526 ISBN: 0-7803-7097-1 paragraph 'ABSTRACT! page 1243, left-hand column, lines 1-9, paragraph 1 page 1245, right-hand column, lines 1-22, paragraph 5	
A	NGUYEN G T ET AL INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "A trace-based approach for modeling wireless channel behavior" 1996 WINTER SIMULATION CONFERENCE PROCEEDINGS. CORONADO, CA., DEC. 8 - 11, 1996, WINTER SIMULATION CONFERENCE PROCEEDINGS, NEW YORK, IEEE, US, 8 December 1996 (1996-12-08), pages 597-604, XP010519892 ISBN: 0-7803-3383-7 paragraph 'ABSTRACT! page 597, left-hand column, lines 1-6, paragraph 1 page 599, right-hand column, lines 1-12, paragraph 3.4	
A	WO 99/05602 A (CAMPBELL ROY H ; CHEN ZHIGANG (US)) 4 February 1999 (1999-02-04) page 5, lines 5-12 page 7, lines 2-12 page 9, lines 3-20 page 10, lines 23-30 page 11, line 23 - page 12, line 18 page 15, line 19 - page 16, line 8	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051567

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1225736	A	24-07-2002	EP 1225736 A2	24-07-2002
			JP 2002325084 A	08-11-2002
			US 2002122413 A1	05-09-2002
WO 9512265	A	04-05-1995	CA 2172263 A1	04-05-1995
			WO 9512265 A1	04-05-1995
			DE 69416849 D1	08-04-1999
			DE 69416849 T2	08-07-1999
			EP 0726002 A1	14-08-1996
			JP 2942875 B2	30-08-1999
			JP 8510888 T	12-11-1996
			US 5497371 A	05-03-1996
US 2002056125	A1	09-05-2002	US 2001004768 A1	21-06-2001
			US 2001005908 A1	28-06-2001
			US 2002056143 A1	09-05-2002
			US 2002007494 A1	17-01-2002
WO 9905602	A	04-02-1999	AU 8759198 A	16-02-1999
			EP 1032881 A1	06-09-2000
			WO 9905602 A1	04-02-1999
			US 6680976 B1	20-01-2004